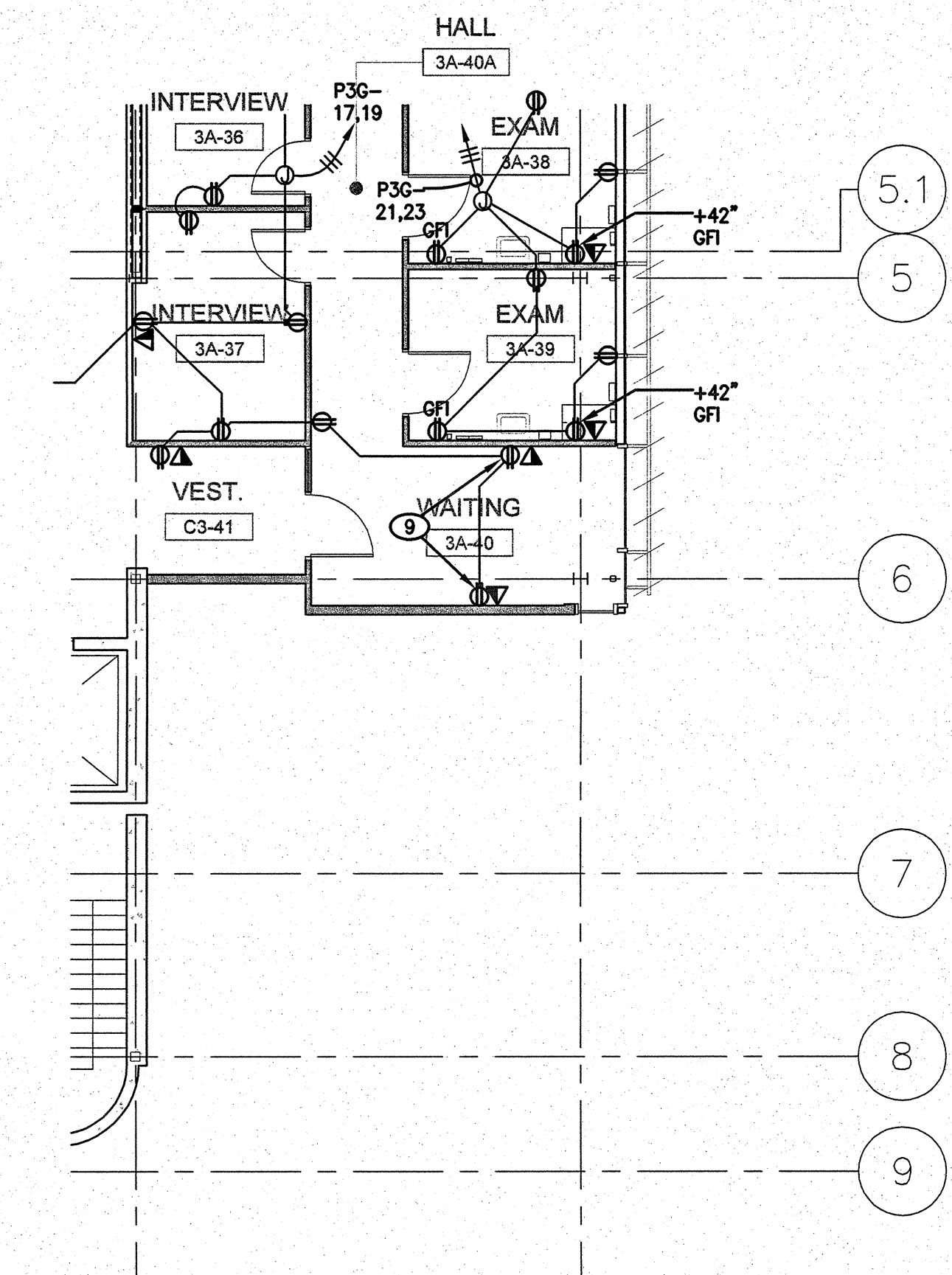


1 THIRD FLOOR ELECTRICAL PLAN
1/8" = 1'-0"



2 THIRD FLOOR ELECTRICAL PLAN - DEDUCTIVE ALTERNATE 1
1/8" = 1'-0"

- THIRD FLOOR ELECTRICAL PLAN NOTES:**
- EXISTING ELECTRICAL TO REMAIN.
 - PROVIDE NEW GFI RECEPTACLE FOR NEW ELECTRIC DRINKING FOUNTAIN. VERIFY RECEPTACLE LOCATION WITH EDF SUPPLIER. PROVIDE NEW CONDUITS AND WIRING AS REQUIRED TO CONNECT NEW AND EXISTING CIRCUIT.
 - EXISTING COLD BOX AND ULTRALOW REF SHALL BE KEPT IN SERVICE AT ALL TIMES. NO INTERRUPTION OF EXISTING ELECTRICAL WITHOUT PERMISSION FROM COTR.
 - REINSTALL EXISTING OUTLET AND DEVICES IN NEW WALL. PROVIDE NEW CONDUITS AND WIRING AS REQUIRED.
 - PROVIDE NEW PANEL. FLUSH MOUNT IN WALL.
 - RUN NEW FEEDER PER LINE DIAGRAM TO EXISTING PANEL "P30".
 - VERIFY CONNECTION REQUIREMENT OF EXISTING PANEL IN FIELD. PROVIDE NEW 100A/3P BREAKER IN SPACE 37/39/41. RUN NEW FEEDER IN EXISTING WALL.
 - STUB TWO 1-1/2" C WITH PULL WIRE FROM PANEL UP INTO ACCESSIBLE ATTIC.
 - RECEPTACLES IN WAITING AREA SHALL BE TAMPER RESISTANT TYPE.
 - PROVIDE OUTLET BOX IN WALL AT ELECTRIFIED FURNITURE PANEL. VERIFY LOCATION WITH FURNITURE SUPPLIER THROUGH COTR. RUN 3/4" FLEX CONDUIT WITH WIRING TO CONNECT PANEL.
 - PROVIDE COMBINATION POWER/DATA POKE-THROUGH BOX IN FLOOR AT ELECTRIFIED FURNITURE PANEL. VERIFY LOCATION WITH FURNITURE SUPPLIER THROUGH COTR. RUN 3/4" FLEX CONDUIT FROM PARTITION FEED COVER WITH WIRING TO CONNECT PANEL.
 - LOCATION JUNCTION BOX IN SECOND FLOOR ATTIC.
 - PROVIDE 4-11/16" X 2-1/8" D OUTLET BOX IN WALL AT ELECTRIFIED FURNITURE PANEL. VERIFY LOCATION WITH FURNITURE SUPPLIER THROUGH COTR. RUN 1-1/4" FLEX CONDUIT WITH TEL AND DATA CABLES TO FURNITURE PANEL. INSTALL TEL/DATA JACKS AS DIRECTED BY PANEL SUPPLIER THROUGH COTR.
 - FROM COMBINATION POWER/DATA POKE-THROUGH BOX, RUN 1-1/4" FLEX CONDUIT WITH 3 SETS OF TEL AND DATA CABLES TO FURNITURE PANEL. INSTALL TEL/DATA JACKS AS DIRECTED BY PANEL SUPPLIER THROUGH COTR.
 - FROM COMBINATION POWER/DATA POKE-THROUGH BOX, RUN 1-1/4" FLEX CONDUIT WITH 2 SETS OF TEL AND DATA CABLES TO FURNITURE PANEL. INSTALL TEL/DATA JACKS AS DIRECTED BY PANEL SUPPLIER THROUGH COTR.
 - PROVIDE POWER CONNECTION FOR MOTORIZED LOUVERS. VERIFY LOCATION AND REQUIREMENT WITH SUPPLIER THROUGH COTR PRIOR TO ROUGH-IN. PROVIDE CONTROL CONDUITS AND WIRING AS DIRECTED BY SUPPLIER THROUGH COTR.
 - TYPICAL OF TEL/DATA OUTLETS: PROVIDE 4-11/16" SQUARE X 2-1/8" DEEP BOX IN WALL WITH QUAD PLATE. INSTALL THREE CAT 6 RJ45 JACKS, ONE FOR TEL AND TWO FOR DATA. RUN ONE 1-1/4" UP WALL INTO ACCESSIBLE ATTIC WITH THREE CAT 6 CABLES TO EXISTING IDF. CABLES SHALL BE TERMINATED WITH RJ45 CONNECTOR WITH 10-FT SLACK AT IDF FOR CONNECTION BY OWNER.
 - RUN ONE 1-1/4" IN LOWER FLOOR ATTIC, UP WALL INTO ACCESSIBLE ATTIC, WITH FOUR CAT 6 CABLES TO EXISTING IDF. CABLES SHALL BE TERMINATED WITH RJ45 CONNECTOR WITH 10-FT SLACK AT IDF FOR CONNECTION BY OWNER.
 - STUB TWO 2" C FROM EXISTING TBB/IDF LOCATION INTO ACCESSIBLE ATTIC AT EXPANSION AREA FOR TEL/DATA CABLING.

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

CONSULTANTS: LP Consulting Engineers, Inc. 895 W. Ashlan Ave, Suite 101 Clovis, CA 93612 p 559-432-1249 • f 559-432-1625 www.lpeengineers.com Job #: 10-1096		ARCHITECT/ENGINEERS: HMC Architects 1827 E. Fir Avenue, Studio 103 / Fresno, CA 93720 T 559 322 2444 / www.hmcarchitects.com		Drawing Title THIRD FLOOR ELECTRICAL PLAN		Project Title BUILDING 24 SEISMIC CORRECTION AND ADDITION		Project Number 570-215 Building Number 24		Office of Construction and Facilities Management 	
Revisions		Approved Project Director		Date January 31, 2012		Checked FK	Drawn FK/LS	Drawing Number ES302 Dwg 176 of 180			